



National Center for Health Statistics

Daily Updates of Totals by Week and State

Provisional Death Counts for Coronavirus Disease 2019 (COVID-19)

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Updated: December 31, 2020

i Note: Provisional death counts are based on death certificate data received and coded by the National Center for Health Statistics as of December 31, 2020. Death counts are delayed and may differ from other published sources (see Technical Notes). Counts will be updated periodically. Additional information will be added to this site as available.

The provisional counts for coronavirus disease 2019 (COVID-19) deaths are based on a current flow of mortality data in the National Vital Statistics System. National provisional counts include deaths occurring within the 50 states and the District of Columbia that have been received and coded as of the date specified. It is important to note that it can take several weeks for death records to be submitted to National Center for Health Statistics (NCHS), processed, coded, and tabulated. Therefore, the data shown on this page may be incomplete, and will likely not include all deaths that occurred during a given time period, especially for the more recent time periods. Death counts for earlier weeks are continually revised and may increase or decrease as new and updated death certificate data are received from the states by NCHS. COVID-19 death counts shown here may differ from other published sources, as data currently are lagged by an average of 1–2 weeks.

The provisional data presented on this page include the weekly provisional count of deaths in the United States due to COVID-19, deaths from all causes and percent of expected deaths (i.e., number of deaths received over number of deaths expected based on data from previous years), pneumonia deaths (excluding pneumonia deaths involving influenza), pneumonia deaths involving COVID-19, influenza deaths, and deaths involving pneumonia, influenza, or COVID-19; (a) by week ending date and (b) by specific jurisdictions.

For the Index of Provisional COVID-19 Mortality Surveillance and Ad-hoc Data Files, [click here](#).

Table 1 has counts of death involving COVID-19 and select causes of death by the week ending date in which the death occurred. For deaths involving COVID-19 by week ending date at the state level, [Click here to download](#).

▼ **Table 1. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by week ending date, United States. Week ending 2/1/2020 to 12/26/2020.***

Updated December 31, 2020

Week ending date in which the death occurred	All Deaths involving COVID-19 (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0–J18.9) ³	Deaths involving COVID-19 and Pneumonia, excluding Influenza (U07.1 and J12.0–J18.9) ³	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09–J11), includes COVID-19 or Pneumonia ⁴	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09–J18.9) ⁵
Total Deaths	303,823	2,913,144	112	286,866	139,982	6,949	456,580
2/1/2020	0	58,796	99	3,815	0	481	4,296
2/8/2020	1	59,361	99	3,811	0	521	4,333
2/15/2020	0	58,774	100	3,838	0	560	4,398
2/22/2020	4	58,854	101	3,708	1	566	4,277
2/29/2020	9	59,262	103	3,833	5	656	4,493
3/7/2020	36	59,649	103	3,975	18	634	4,626
3/14/2020	56	58,620	103	3,969	28	626	4,622
3/21/2020	574	59,158	104	4,543	250	559	5,419
3/28/2020	3,171	62,949	113	6,180	1,434	445	8,311
4/4/2020	10,045	72,234	129	9,923	4,764	478	15,447
4/11/2020	16,209	78,993	143	12,000	7,231	473	21,112
4/18/2020	17,095	76,675	142	11,397	7,314	265	21,254
4/25/2020	15,465	73,806	137	10,381	6,608	144	19,285
5/2/2020	13,169	69,225	129	8,945	5,516	65	16,643
5/9/2020	11,190	66,741	127	7,833	4,710	48	14,351
5/16/2020	9,184	64,408	123	6,773	3,780	21	12,195
5/23/2020	7,198	61,539	118	5,890	2,971	24	10,136
5/30/2020	6,137	59,599	115	5,275	2,485	12	8,939
6/6/2020	5,018	58,824	112	4,894	2,147	11	7,776
6/13/2020	4,216	57,944	112	4,538	1,859	11	6,903

6/20/2020	3,818	57,895	112	4,363	1,603	8	6,585
6/27/2020	3,807	58,388	114	4,257	1,552	11	6,522
7/4/2020	4,503	59,729	115	4,554	1,996	5	7,063
7/11/2020	5,741	61,794	121	5,527	2,707	10	8,570
7/18/2020	7,143	63,026	124	6,177	3,444	13	9,886
7/25/2020	8,172	64,083	127	6,742	3,949	10	10,970
8/1/2020	8,253	64,061	126	6,825	4,059	13	11,025
8/8/2020	7,800	63,485	124	6,787	3,963	9	10,630
8/15/2020	7,192	63,343	125	6,486	3,661	5	10,019
8/22/2020	6,317	62,169	123	5,942	3,199	12	9,069
8/29/2020	5,653	60,591	119	5,505	2,862	11	8,302
9/5/2020	4,891	59,404	116	5,124	2,462	9	7,558
9/12/2020	4,459	58,413	113	4,835	2,225	7	7,074
9/19/2020	4,099	58,382	113	4,639	1,987	5	6,756
9/26/2020	4,108	59,081	114	4,789	2,035	4	6,865
10/3/2020	4,019	57,871	110	4,624	1,929	8	6,722
10/10/2020	4,548	59,318	113	4,910	2,231	13	7,237
10/17/2020	4,875	57,734	108	4,939	2,315	17	7,509
10/24/2020	5,609	59,082	110	5,326	2,580	16	8,364
10/31/2020	6,479	59,974	111	5,724	3,013	19	9,204
11/7/2020	8,066	63,277	116	6,576	3,777	21	10,878
11/14/2020	9,798	64,166	117	7,442	4,650	19	12,603
11/21/2020	12,098	65,367	118	8,565	5,744	28	14,937
11/28/2020	13,374	64,711	116	9,054	6,470	20	15,967
12/5/2020	14,220	63,864	112	9,417	6,800	28	16,855
12/12/2020	10,590	54,986	95	7,176	4,955	16	12,822
12/19/2020	3,800	35,870	61	3,398	1,877	9	5,329
12/26/2020	1,614	17,669	30	1,642	816	3	2,443

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table. The United States population, based on 2019 postcensal estimates from the U.S. Census Bureau, is 328,239,523.

*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

¹Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

²Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017–2019. Previous analyses of 2015–2016 provisional data completeness have found that completeness is lower in the first few weeks following the date of death (<25%), and then increases over time such that data are generally at least 75% complete within 8 weeks of when the death

occurred (8).

³Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

⁴Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

⁵Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09-J18.9.

▼ **Table 2. Deaths involving coronavirus disease 2019 (COVID-19), pneumonia, and influenza reported to NCHS by jurisdiction of occurrence, United States. Week ending 2/1/2020 to 12/26/2020.***

Updated December 31, 2020

Jurisdiction of Occurrence	All Deaths involving COVID-19 (U07.1) ¹	Deaths from All Causes	Percent of Expected Deaths ²	Deaths involving Pneumonia, with or without COVID-19, excluding Influenza deaths (J12.0-J18.9) ³	Deaths involving COVID-19 and Pneumonia, excluding Influenza (J12.0-J18.9 and U07.1) ³	All Deaths involving Influenza, with or without COVID-19 or Pneumonia (J09-J11) ⁴	Deaths involving Pneumonia, Influenza, or COVID-19 (U07.1 or J09-J18.9) ⁵
United States ⁶	303,823	2,913,144	112	286,866	139,982	6,949	456,580
Alabama	5,269	54,382	113	4,346	1,707	104	8,005
Alaska	143	4,050	101	220	81	-	289
Arizona	7,022	66,599	122	7,246	4,028	116	10,356
Arkansas	3,196	33,249	114	3,218	1,407	84	5,086
California	21,761	272,294	111	27,708	12,207	586	37,845
Colorado	3,907	41,617	116	3,731	1,929	97	5,801
Connecticut	5,111	30,842	107	2,459	1,189	73	6,451
Delaware	728	9,043	107	630	292	16	1,082
District of Columbia	878	6,418	114	1,174	825	10	1,237
Florida	19,536	216,369	114	22,454	10,999	360	31,320
Georgia	8,541	87,791	113	7,916	4,138	119	12,434
Hawaii	330	10,736	101	707	156	21	902
Idaho	1,194	14,381	111	993	490	28	1,722
Illinois	13,960	114,305	118	12,377	6,740	187	19,779
Indiana	7,616	68,192	113	7,241	3,463	138	11,527
Iowa	3,988	31,284	113	2,856	1,338	87	5,592
Kansas	2,653	27,046	112	2,365	1,133	92	3,974
Kentucky	3,070	46,680	106	4,601	1,461	104	6,311
Louisiana	6,056	48,087	115	4,786	2,989	77	7,923
Maine	366	14,054	105	884	84	32	1,198

Maryland	5,695	52,967	116	5,024	2,126	129	8,706
Massachusetts	9,287	61,745	113	6,731	3,376	173	12,807
Michigan	10,269	101,709	115	9,849	5,030	251	15,327
Minnesota	4,859	45,917	112	3,886	1,612	126	7,257
Mississippi	4,280	34,537	120	4,366	2,252	62	6,448
Missouri	6,233	65,485	112	5,499	2,582	185	9,332
Montana	948	10,340	111	844	440	34	1,386
Nebraska	1,805	17,168	110	1,617	720	29	2,731
Nevada	2,578	26,886	114	3,379	1,980	42	4,019
New Hampshire	650	12,126	107	705	158	32	1,227
New Jersey	16,443	85,569	126	11,988	8,007	123	20,533
New Mexico	1,910	18,798	112	1,787	898	31	2,829
New York ⁷	14,282	107,073	117	13,423	6,599	226	21,311
New York City	21,639	75,866	153	12,288	8,247	970	25,817
North Carolina	3,459	68,405	79	5,037	1,461	232	7,264
North Dakota	1,116	7,402	113	993	542	23	1,589
Ohio	9,582	120,684	107	9,303	4,167	267	14,984
Oklahoma	2,796	37,843	105	3,687	1,061	120	5,533
Oregon	1,114	34,663	104	1,684	366	67	2,498
Pennsylvania	14,288	136,217	110	11,166	5,422	264	20,288
Rhode Island	1,423	10,154	106	988	586	25	1,850
South Carolina	4,616	52,134	116	4,542	2,045	108	7,216
South Dakota	1,336	8,608	115	984	553	30	1,795
Tennessee	5,932	76,746	113	7,479	3,019	145	10,532
Texas	26,438	218,011	117	25,666	14,027	399	38,455
Utah	1,288	19,491	112	1,387	529	41	2,187
Vermont	92	5,440	103	241	21	16	328
Virginia	4,876	69,405	111	4,518	1,840	124	7,670
Washington	3,006	55,581	107	4,270	1,569	116	5,818
West Virginia	817	18,756	91	1,506	350	60	2,033
Wisconsin	5,122	55,249	114	3,748	1,605	152	7,415
Wyoming	319	4,750	113	369	136	-	561
Puerto Rico	1,189	24,838	91	3,360	782	75	3,837

NOTE: Number of deaths reported in this table are the total number of deaths received and coded as of the date of analysis and do not represent all deaths that occurred in that period. Counts of deaths occurring before or after the reporting period are not included in the table.

*Data during this period are incomplete because of the lag in time between when the death occurred and when the death certificate is completed, submitted to NCHS and processed for reporting purposes. This delay can range from 1 week to 8 weeks or more, depending on the jurisdiction and cause of death.

¹Deaths with confirmed or presumed COVID-19, coded to ICD-10 code U07.1.

²Percent of expected deaths is the number of deaths for all causes for this week in 2020 compared to the average number across the same week in 2017-2019.

³Counts of deaths involving pneumonia include pneumonia deaths that also involve COVID-19 and exclude pneumonia deaths involving influenza.

⁴Counts of deaths involving influenza include deaths with pneumonia or COVID-19 also listed as a cause of death.

⁵Deaths with confirmed or presumed COVID-19, pneumonia, or influenza, coded to ICD-10 codes U07.1 or J09-18.9.

⁶United States death count includes the 50 states, plus the District of Columbia and New York City.

⁷Excludes New York City.

Understanding the Numbers: Provisional Death Counts and COVID-19

Provisional death counts deliver the most complete and accurate picture of lives lost to COVID-19. They are based on death certificates, which are the most reliable source of data and contain information not available anywhere else, including comorbid conditions, race and ethnicity, and place of death.

How it Works

The National Center for Health Statistics (NCHS) uses incoming data from death certificates to produce provisional COVID-19 death counts. These include deaths occurring within the 50 states and the District of Columbia.

NCHS also provides summaries that examine deaths in specific categories and in greater geographic detail, such as deaths by county and by race and Hispanic origin.

COVID-19 deaths are identified using a new ICD-10 code. When COVID-19 is reported as a cause of death – or when it is listed as a “probable” or “presumed” cause — the death is coded as **U07.1**. This can include cases with or without laboratory confirmation.

Why These Numbers are Different

Provisional death counts may not match counts from other sources, such as media reports or numbers from county health departments. Counts by NCHS often track 1–2 weeks behind other data.

- **Death certificates take time to be completed.** There are many steps to filling out and submitting a death certificate. Waiting for test results can create additional delays.
- **States report at different rates.** Currently, 63% of all U.S. deaths are reported within 10 days of the date of death, but there is significant variation between states.
- **It takes extra time to code COVID-19 deaths.** While 80% of deaths are electronically processed and coded by NCHS within minutes, most deaths from COVID-19 must be coded by a person, which takes an average of 7 days.
- **Other reporting systems use different definitions or methods for counting deaths.**

Things to know about the data

Provisional counts are not final and are subject to change. Counts from previous weeks are continually revised as more records are received and processed.

Provisional data are not yet complete. Counts will not include all deaths that occurred during a given time period, especially for more recent periods. However, we can estimate how complete our numbers are by looking at the average number of deaths reported in previous years.

Death counts should not be compared across states. Some states report deaths on a daily basis, while other states report deaths weekly or monthly. State vital record reporting may also be affected or delayed by COVID-19 related response activities.

For more detailed technical information, visit the [Provisional Death Counts for Coronavirus Disease 2019 \(COVID-19\) Technical Notes](#) page.

